

CLAIMS

1. A coating method for coating a surface of an object to be coated by means of dividing said coating surface into a plural number of coating areas and coating each of said coating areas while reciprocation of a sprayer unit,
5 characterized in that:

sequentially shifting positions of turning paths for reciprocation of said sprayer unit in one of two directions of said reciprocation and coating a specific area of said divided coating areas, while forming a coating trajectory of said
10 turning paths like a series of steps; and

sequentially shifting said positions of said turning paths for said reciprocation of said sprayer unit in said one direction to avoid overlapping with said turning paths in said
15 specific coating area and coating a different coating area which is adjacent to said specific coating area while forming coating trajectory of said turning paths like a series of steps.

20 2. A coating method as defined in claim 1, characterized in that; coating is performed in the manner that paint is sprayed by said sprayer unit at parallel transit path and is cut at said turning paths for said reciprocation during said

reciprocation of said sprayer unit.

3. A coating method as defined in claim 1, characterized
in that; conveying means for moving said object to be coated
5 in a predetermined conveying direction is provided, and
 while said sprayer unit has reciprocated in a direction
 substantially parallel to said conveying direction of said
 object to be coated, said locations of said turning paths are
 sequentially shifted from the front side to the rear side in
10 said conveying direction of said object.